

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY

OF

A PORTION OF THE SUBDIVISIONAL LINES

AND

THE SUBDIVISION OF SECTION 6

AND A METES-AND-BOUNDS SURVEY IN

THE NW 1/4 OF THE SE 1/4 OF SECTION 6

IN

TOWNSHIP 10 NORTH, RANGE 15 WEST,

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

Christopher J. May
Survey Technician

Under the supervision of

Ronald K. Batty
Cadastral Surveyor

Under Special Instructions dated and approved **July 3, 2014**, which provided for the surveys included under Group Number **1277**, and assignment instructions dated **July 3, 2014**.

Survey Commenced **July 3, 2014**
Survey Completed **July 8, 2014**

INDEX DIAGRAM

TOWNSHIP 10 NORTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

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TOWNSHIP 10 NORTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 6 and a metes-and-bounds survey in the NW 1/4 of the SE 1/4 of section 6, in T. 10 N., R. 15 W., Salt Lake Meridian, Utah.

HISTORY OF SURVEYS

Surveyed by		Retr. or Resurveyed by	
SOUTH BOUNDARY			
All	G.V.M. Boutelle	1872	
All		H. Fitzhugh	1883
All		F. Chappell & G. Hatch	1967
EAST BOUNDARY (GUIDE MERIDIAN WEST)			
All	G.V.M. Boutelle	1872	
All		F. Dickert	1882
All		F. Chappell & G. Hatch	1967
WEST BOUNDARY			
All	G.V.M. Boutelle	1872	
All		H. Fitzhugh	1883
All		F. Chappell & G. Hatch	1967
NORTH BOUNDARY			
All	G.V.M. Boutelle	1872	
All		H. Fitzhugh	1883
All		F. Chappell & G. Hatch	1967
SUBDIVISION			
All	G.V.M. Boutelle	1872	
All		F. Chappell & G. Hatch	1967

TOWNSHIP 10 NORTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 2009, and the Special Instructions for Group No. 1277, dated July 3, 2014.

The direction of each line is with reference to the true meridian, determined by Global Positioning System (GPS) utilizing Real-Time Kinematic (RTK) techniques throughout the survey. The positional accuracy of this survey complies with the *Standards for the Positional Accuracy of Cadastral Surveys when using Global Navigation Satellite Systems (GNSS)*, dated February 23, 2009. Trimble model R8 GPS receivers were used for field collection. Cadastral Automated Plat Drafting (CAPD) software was the primary software utilized for project calculations.

Preliminary to the resurvey, the lines of the prior surveys were retraced and a search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data was thoroughly verified and only the true line field notes are given herein.

Geodetic control was derived from GPS static observations, post processed by the National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS): P675 HOLBROOK_ID2006, P057 HILL72__UT2004, P121 HNSLVALLY_UT2004.

The geographic position of the corner of sections 5, 6, 7, and 8, T. 10 N., R. 15 W., as determined by direct GPS static observations, post processed by OPUS, is as follows:

Latitude: **41°36'40.408" N.**,
Longitude: **113°35'58.298" W.**, N.A.D. 83 (2011), EPOCH: 2010.00,
Network Accuracy = 0.100 meter at 95% confidence

The geographic position of the 1/4 section corner of sections 6 and 31, on the north boundary of T. 10 N., R. 15 W., as determined by direct RTK methods from the geodetic control, is as follows:

Latitude: **41°37'32.281" N.**,
Longitude: **113°36'32.978" W.**, N.A.D. 83 (2011), EPOCH: 2010.00,
Network Accuracy = 0.200 meter at 95% confidence

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES
TOWNSHIP 10 NORTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 10 N., R. 15 W., Salt Lake Meridian, Utah

Reestablishment of the survey executed by G.V.M. Boutelle in 1872
and resurvey executed by F. Chappell and G. Hatch in 1967

Beginning at the corner of sections 5, 6, 7, and 8, monumented with an iron post, 2 1/2 inches diameter, firmly set, projecting 8 inches above the ground, with brass cap marked as described in the official record of the 1967 resurvey.

A mound of stone, 2 feet base, 1 foot high is to the west of the corner. A railroad rail, set vertically, projecting 30 inches, is north of the corner.

Corner is located on open, flat ground in scattered sagebrush.

S. 89°17.3' W., between sections 6 and 7.

19.695 Point for the east 1/16 section corner of sections 6 and 7, not monumented.

39.390 The 1/4 section corner of sections 6 and 7, monumented with an iron post, 2 1/2 inches diameter, firmly set, projecting 8 inches above the ground, with brass cap marked as described in the official record of the 1967 resurvey.

A railroad rail, set vertically, projecting 3 1/2 feet, is north of the corner.

A creek, course southerly, is 2 chains west of the corner.

Corner is located on open, flat ground, surrounded by sage brush.

From the corner of sections 5, 6, 7, and 8.

N. 0°01.0' E., between sections 5 and 6.

19.885 Point for the south 1/16 section corner of sections 5 and 6, not monumented.

39.770 The 1/4 section corner of sections 5 and 6, monumented with an iron post, 2 1/2 inches diameter, firmly set, projecting 6 inches above the ground, with brass cap marked as described in the official record of the 1967 resurvey.

Corner is located on open, flat ground, surrounded by sagebrush.

THE SUBDIVISION OF SECTION 6
TOWNSHIP 10 NORTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

The Subdivision of Section 6,
T. 10 N., R. 15 W., Salt Lake Meridian, Utah

From the 1/4 section corner of sections 6 and 7.

N. 0°23.1' W., on the north-south centerline of section 6.

- 19.943** Point for the center south 1/16 section corner of section 6.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, with magnet at base, 27 inches in the ground, with aluminum cap marked

C
S1/16 | S6
C
2014

Corner is located on flat, open ground near a fence corner extending east and north.

- 39.786** Point selected for the witness corner to the center 1/4 section corner of section 6.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, with magnet at base, 28 inches in the ground, with aluminum cap marked

WC
T10N R15W
C1/4 ↑ S6
2014

Corner is located on the west edge of a swampy area. A fence intersection extending south and east is northwesterly of the corner.

- 39.886** True point for the center 1/4 section corner of section 6, at intersection with the east-west centerline. Point falls in fence post where it is impracticable to set a permanent monument. Not monumented.

- 80.063** The 1/4 section corner of sections 6 and 31, on the north boundary of the township, monumented with an iron post, 2 1/2 inches diameter, firmly set, projecting 12 inches above the ground, with brass cap marked as described in the official record of the 1967 resurvey.

A wooden post, 6 inches diameter, projecting 5 feet, and a standard steel fence post are set on the south side of the corner.

A 4 strand barbed wire fence, extending east-west is 6 links south of the corner.

THE SUBDIVISION OF SECTION 6
TOWNSHIP 10 NORTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

From the 1/4 section corner of sections 5 and 6.

S. 89°27.6' W., on the east-west centerline of section 6.

19.832 Point for the center east 1/16 section corner of section 6.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, with magnet at base, 26 inches in the ground, with aluminum cap marked

T10N R15W
E 1/16
C ————— C
S6
2014

Corner is located on flat, open ground. A two track road extending north-south is on the east side of the corner. A fence extending north, west, and south is on the west side of the corner.

39.664 The true point for the center 1/4 section corner of section 6.

80.303 The 1/4 section corner of sections 1 and 6, on the west boundary of the township, monumented with an iron post, 2 1/2 inches diameter, firmly set, projecting 6 inches above the ground, with brass cap marked as described in the official record of the 1967 resurvey.

Corner is located in a 4 strand barbed wire fence. A gate is 1.25 chains north of the corner.

From the point for the east 1/16 section corner of sections 6 and 7.

N. 0°11.0' W., along the north-south centerline of the southeast 1/4 of section 6.

19.914 Point for the southeast 1/16 section corner of section 6, at intersection with the east-west centerline of the southeast 1/4 of section 6.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, with magnet at base, 24 inches in the ground, with aluminum cap marked

SE 1/16 S6
2014

Corner is located on a dry swamp bed, near the intersection of fences extending north, west, and south.

39.828 The center east 1/16 section corner of section 6.

THE SUBDIVISION OF SECTION 6
TOWNSHIP 10 NORTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

From the point for the south 1/16 section corner of sections 5 and 6.

S. 89°22.5' W., along the east-west centerline of the southeast 1/4 of section 6.

19.764 The southeast 1/16 section corner of section 6.

39.528 The center south 1/16 section corner of section 6.

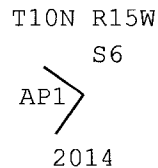
A Metes-and-Bounds survey in Section 6
T. 10 N., R. 15 W., Salt Lake Meridian, Utah

Angle points and lines of lot 10 were configured to include the
existing bunkhouse building.

From the point selected for Angle Point No. 1, lot 10.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, with magnet at base, 34 inches in the ground, with aluminum cap marked

T10N R15W
S6
AP1
2014



Corner is located on the northeastern edge of the access roads to the Rosebud Guard Station and DNR bunkhouse.

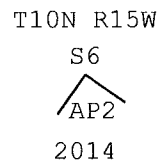
From this corner, the center east 1/16 section corner of section 6, bears N. 58°27.3' E., 10.878 chains distance, hereinbefore described.

N. 55°07.1' W., on line 1-2, lot 10.

3.357 Point selected for Angle Point No. 2, lot 10.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, with magnet at base, 36 inches in the ground, with aluminum cap marked

T10N R15W
S6
AP2
2014



From which

The most northerly corner of a bunkhouse building, 20 x 64 feet, bears S. 19°23.3' E., 47 links distance, long side extends S. 59° E.

A METES-AND-BOUNDS SURVEY IN SECTION 6
TOWNSHIP 10 NORTH, RANGE 15 WEST, SALT LAKE MERIDIAN, UTAH
CHAINS

Corner is located in the center of road to the BLM Rosebud Guard Station.

S. 34°52.9' W., on line 2-3, lot 10.

1.061 Point selected for Angle Point No. 3, lot 10.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, with magnet at base, 36 inches in the ground, with aluminum cap marked

T10N R15W
S6
 < AP3
 2014

Corner is located on the south edge of an access road/pull out to the Rosebud Guard Station.

S. 55°07.1' E., on line 3-4, lot 10.

3.357 Point for Angle Point No. 4, lot 10.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, with magnet at base, 36 inches in the ground, with aluminum cap marked

 AP4
 <
 S6
T10N R15W
2014

Corner is located on the northern edge of an access road to the Rosebud Guard Station.

N. 34°52.9' E., on line 4-1, lot 10.

1.061 Angle Point No. 1, lot 10.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Name	Capacity
Frazier T. Hansell	Survey Technician
Daniel W. Webb	Chief Cadastral Surveyor
Ronald K. Baugh	Supervisory Cadastral Surveyor

CERTIFICATE OF SURVEY

We, **Christopher J. May, Survey Technician, and Ronald K. Batty, Cadastral Surveyor**, HEREBY CERTIFY upon honor, that in pursuance of Special Instructions bearing the date of **3rd day of July, 2014**, we have **dependently resurveyed a portion of the subdivisional lines, the subdivision of section 6, and a metes-and-bounds survey in the NW 1/4 of the SE 1/4 of section 6, in Township 10 North, Range 15 West, of the Salt Lake Meridian**, in the State of **Utah**, which are represented in the foregoing field notes as having been executed by us and under our direction; and that said survey has been made in strict conformity with said Special Instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

March 22, 2016

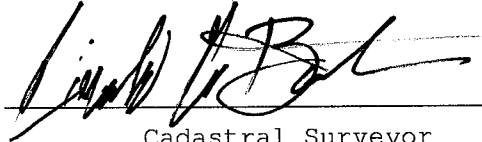
Date



Survey Technician

MARCH 22, 2016

Date



Cadastral Surveyor

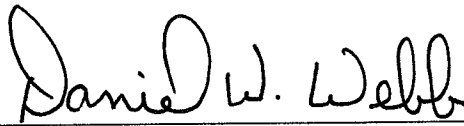
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Salt Lake City, Utah

The foregoing field notes of the **dependent resurvey of a portion of the subdivisional lines, the subdivision of section 6, and a metes and bounds survey in the NW 1/4 of the SE 1/4 of section 6, in Township 10 North, Range 15 West, Salt Lake Meridian, Utah**, executed by **Christopher J. May, Survey Technician and Ronald K. Batty, Cadastral Surveyor**, having been critically examined and found correct, are hereby approved.

March 23, 2016

Date



Chief Cadastral Surveyor for Utah